

IN THE CLAIMS

Please cancel Claim 3, without prejudice or disclaimer of subject matter.

Please amend Claims 1, 2 and 4-9, to read as follows.

1. (Currently Amended) A ~~manufacturing~~ method of manufacturing a liquid jet head having a liquid discharge port for discharging liquid, a liquid flow path communicating with the liquid discharge port and a liquid discharge energy generation element provided in a place corresponding to the liquid flow path to generate energy used for discharging the liquid, said method comprising:

~~a step of disposing a liquid flow path pattern containing a soluble resin on a substrate and disposing a coating layer containing a resin forming a wall of the liquid flow path so as to coat the liquid flow path pattern;~~

a step of forming a first coat resin layer on which the liquid discharge port is provided;

a step of forming a liquid flow path pattern with a soluble resin on the first coat resin layer;

a step of forming a second coat resin layer which constitutes a liquid flow path wall and a vibration plate, the liquid flow path wall being a wall covering the liquid flow path pattern;

a step of disposing [[a]] the liquid discharge energy generation element for generating an energy for use in discharging a liquid in a place disposed opposite corresponding to the liquid flow path pattern;

a step of forming a bond layer constituting a bond portion with respect to the liquid discharge energy generation element on the second coat resin layer;

a step of separating and removing the substrate; and

a step of removing the liquid flow path pattern to form the liquid flow path.

2. (Currently Amended) The ~~manufacturing~~ method of manufacturing the liquid jet head according to claim 1, further comprising~~[[:]]~~ a step of forming a liquid discharge port in the ~~coating layer~~ first coat resin layer, between the step of separating and removing the substrate and the step of forming the liquid flow path.

3. (Canceled)

4. (Currently Amended) The ~~manufacturing~~ method of manufacturing the liquid jet head according to claim ~~[[3]]~~ 1, further comprising~~[[:]]~~ a step of forming a liquid discharge port in the first coat resin layer, between the step of forming the first coat resin layer and the step of forming the liquid flow path pattern.

5. (Currently Amended) The ~~manufacturing~~ method of manufacturing the liquid jet head according to claim 1, wherein the step of separating and removing the substrate comprises~~[[:]]~~ eluting a separating layer of a soluble resin formed on the substrate.

6. (Currently Amended) The ~~manufacturing~~ method of manufacturing the liquid jet head according to claim 1, wherein the ~~coating layer~~ second coat resin layer contains a solid epoxy resin at room temperature.

7. (Currently Amended) The ~~manufacturing~~ method of manufacturing the liquid jet head according to claim ~~[[6]]~~ 4, further comprising the step of forming the ~~coating layer~~ second coat resin layer on the substrate by spin coating or roll coating.

8. (Currently Amended) The ~~manufacturing~~ method of manufacturing the liquid jet head according to claim 1, wherein ~~the substrate and the layer of the resin formed on the substrate have optical transmission~~ the first coat resin layer, the second coat resin layer, and the liquid flow path pattern are optically transmissive.

9. (Currently Amended) The ~~manufacturing~~ method of manufacturing the liquid jet head according to claim 1, wherein the liquid discharge energy generation element is a piezoelectric element.